

In the Claims:

Please amend claim 15 as follows and add the following new claims:

15. (amended) A method for providing therapeutic applications in humane medicine, said method comprising the step of applying to living skin a therapeutically active substance-containing therapeutic system, the system comprising at least [two] three polymer layers, wherein; [the polymers in the respective layers differ in glass transition temperatures]

C1 a first layer comprises a polymer having a glass transition temperature (T_g1), a second layer comprises a polymer having a glass transition temperature (T_g2), and a third layer comprises a polymer having a glass transition temperature (T_g1), said second layer being located between said first layer and said third layer; and

wherein T_g2 is greater than T_g1 , and the glass transition temperature T_g1 of the polymer of said first layer and the glass transition temperature T_g1 of the polymer of said third layer are identical or different.

16. (new) The method according to claim 15 wherein at least one of said three layers contains at least one active substance.

C2 17. (new) An active substance-containing therapeutic system for application on the skin, said system comprising at least three polymer-containing layers, wherein;

a first layer comprises a polymer having a glass transition temperature (T_g1), a second layer comprises a polymer having a glass transition temperature (T_g2), and a third layer comprises a polymer having a glass transition temperature (T_g1), said second layer being located between said first layer and said third layer; and

wherein T_g2 is greater than T_g1 , and the glass transition temperature T_g1 of the polymer of said first layer and the glass transition temperature T_g1 of the polymer of said third layer are identical or different.

18. (new) The therapeutic system according to claim 17 wherein at least one of said three layers contains at least one active substance.

19. (new) The therapeutic system according to claim 17, wherein said system further comprises a backing layer and a protective layer.

20. (new) The therapeutic system according to claim 17, wherein at least one of said polymer-containing layers comprises a high-molecular weight polymer having film-forming properties.

21. (new) The therapeutic system according to claim 17, wherein at least one of said polymer-containing layers is formed and arranged as an active substance reservoir.

22. (new) The therapeutic system according to claim 17, wherein at least one of said polymer-containing layers is formed to simultaneously serve as a control means for active substance release.

23. (new) A process for manufacturing a therapeutic system according to claim 17, said process comprising the steps of laminating a first layer which comprises a polymer having a glass transition temperature (T_g1) onto a second layer which comprises a polymer having a glass transition temperature (T_g2), and subsequently laminating a third layer on said second layer, said third layer having a polymer having a glass transition temperature (T_g1), wherein T_g2 is greater than T_g1 , and the glass transition temperature T_g1 of the polymer of said first

layer and the glass transition temperature T_g1 of the polymer of said third layer are identical or different.

24. (new) A process according to claim 23, wherein at least one active substance is added to at least one of said layers.

25. (new) A method for providing therapeutic applications in humane medicine, said method comprising the step of applying to living skin a therapeutically active substance-containing therapeutic system, the system comprising at least three polymer layers, wherein at least one of said polymer layers is an active substance release rate-controlling layer, and wherein;

12
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a first layer comprises a polymer having a glass transition temperature (T_g1), a second layer comprises a polymer having a glass transition temperature (T_g2), and a third layer comprises a polymer having a glass transition temperature (T_g1), said second layer being located between said first layer and said third layer; and

wherein T_g2 is greater than T_g1 , and the glass transition temperature T_g1 of the polymer of said first layer and the glass transition temperature T_g1 of the polymer of said third layer are identical or different.
